



FEMA



Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Saturday, October 6, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



SR ROC
REGIONAL OPERATIONS CENTER

Today

- **Marginal risk area for strong/severe storms with isolated heavy rain across S OK into TX.**
- **Thunderstorms with heavy rain may lead to isolated flash flooding in NW AR.**

Sunday - Wednesday

- **Slight risk area for severe thunderstorms with heavy rain across W TX and E NM into OK and N TX through Monday.**
- **Moderate risk area for excessive rainfall across NW TX/W OK through Monday.**

River Flood Status

- **Moderate flooding continues on the Nueces River.**

Tropical Outlook

- **A broad area of low pressure near Honduras could have some slow development into early next week while it drifts across the southern Gulf of Mexico.**
 - **Formation chance through 48 hours...high...near 80%**
 - **Formation chance through 5 days...high...90%**

FEMA Region 6 Threat Matrix

Oct 6, 2018 – Oct 10, 2018



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	S OK Into TX	SE NM/TX NTX/OK	E NM/W TX NW OK		
Heavy Rain / Flash Flooding	W TX/OK NW AR	OK/NW TX	OK N WTX	OK NTX	OK NTX
Fire Weather					
Tropical Weather					
River Flooding	Nueces River (S TX)	Nueces River (S TX)	Nueces River (S TX)	Nueces River (S TX)	Nueces River (S TX)

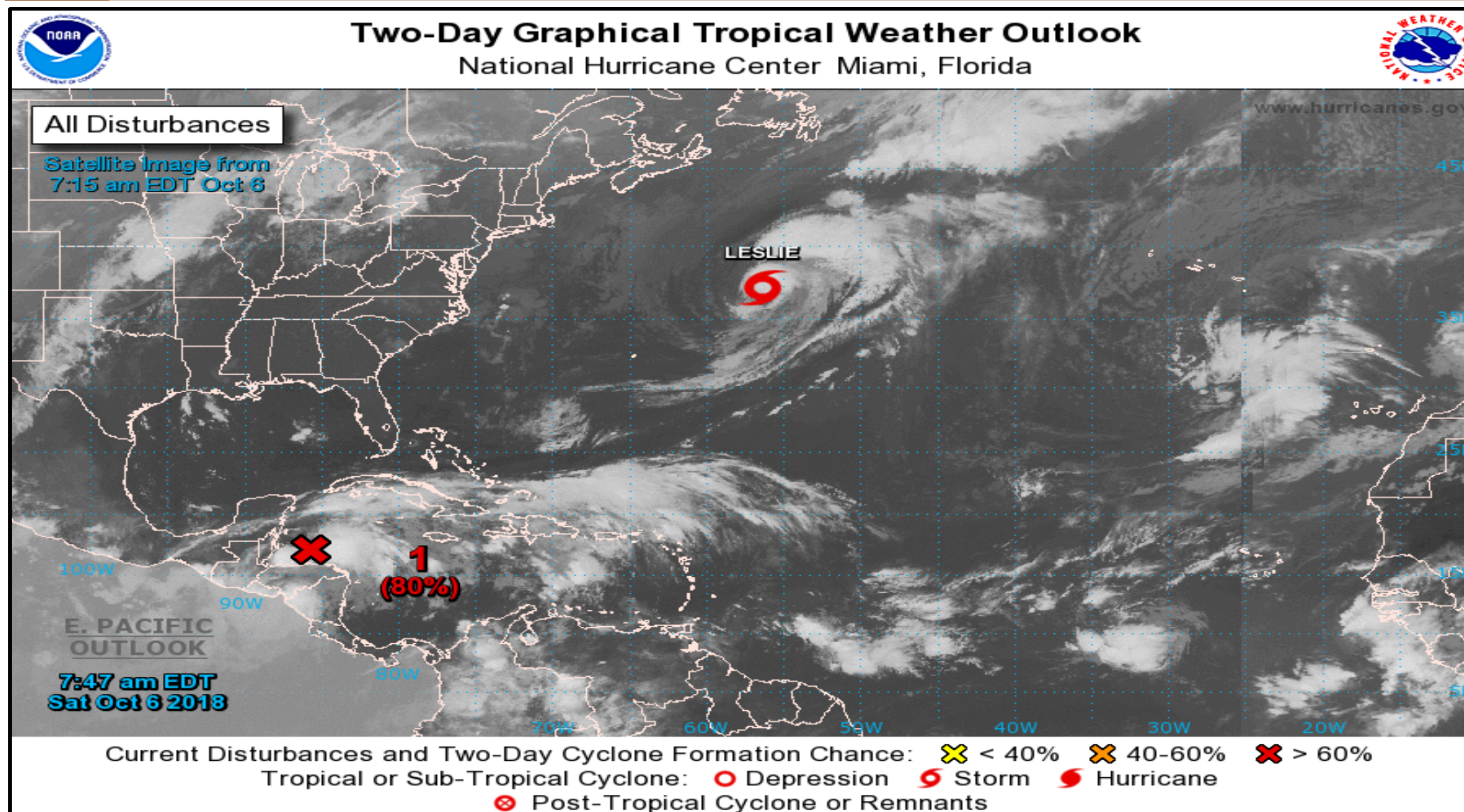
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



SR ROC
REGIONAL OPERATIONS CENTER

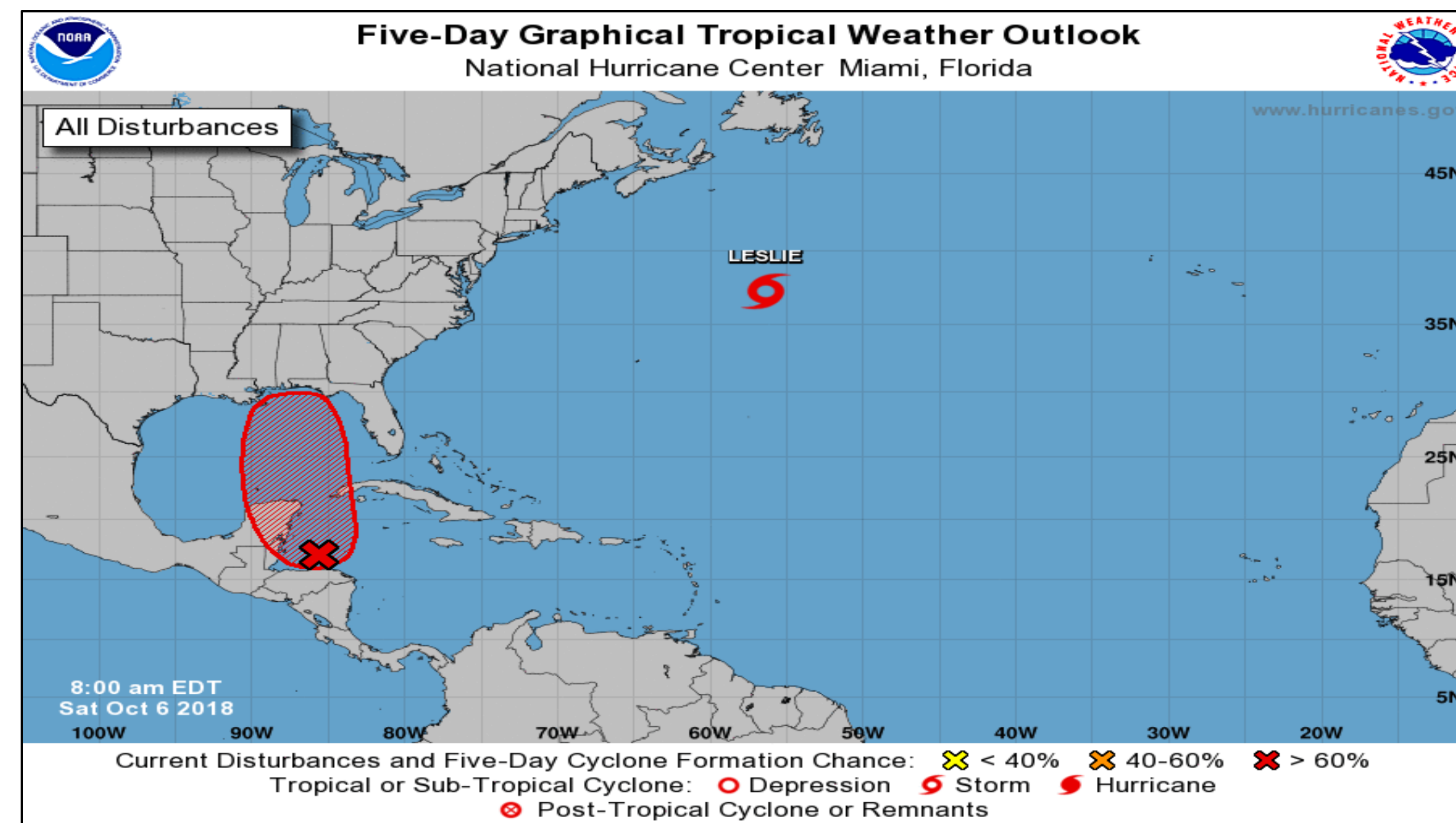


A broad area of low pressure near Honduras is producing an extensive area of disorganized clouds and thunderstorms. Environmental conditions could become favorable early next week, allowing for some slow development as the system

Moves northwest into the southern Gulf of Mexico.

- **Formation chance through 48 hours...high...near 80%**
- **Formation chance through 5 days...high...90%**

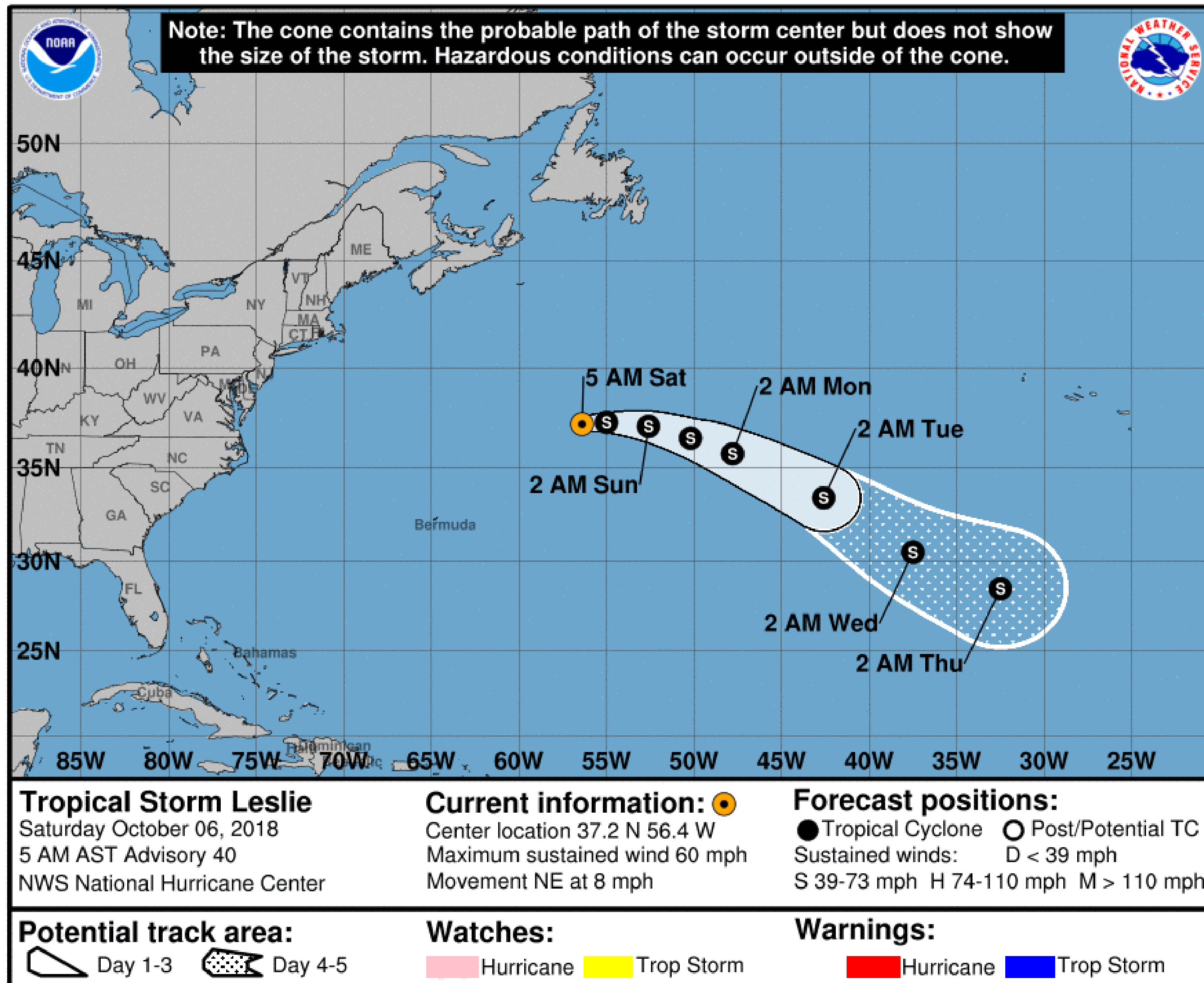
See next slide for forecast information on Hurricane Leslie.



Hurricane Leslie



SR ROC
REGIONAL OPERATIONS CENTER



Hurricane Leslie is expected to meander over the Central Atlantic for much of this week.

No impacts to FEMA 6 are expected.

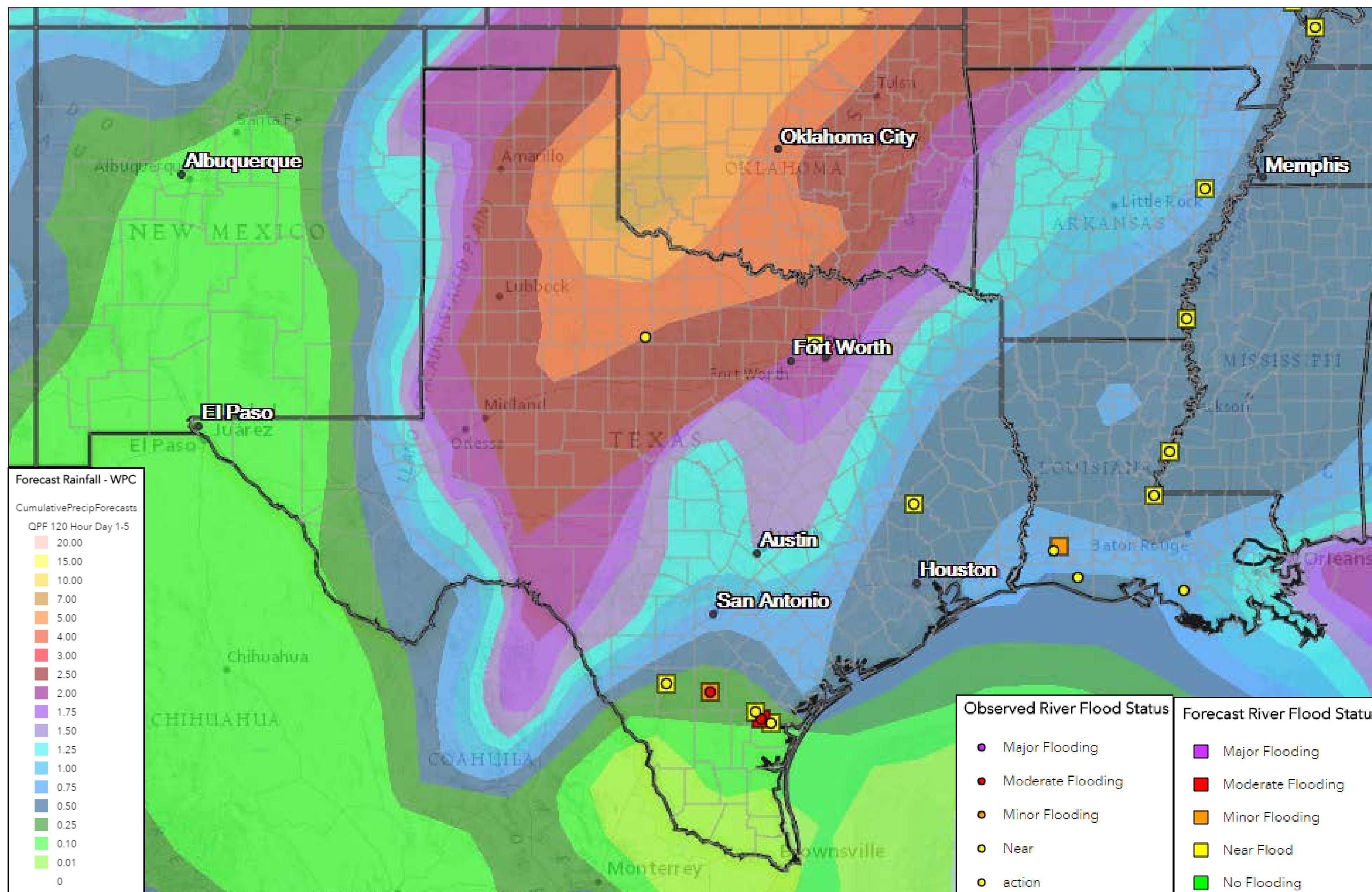
5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Moderate river flooding continues on the Nueces river.

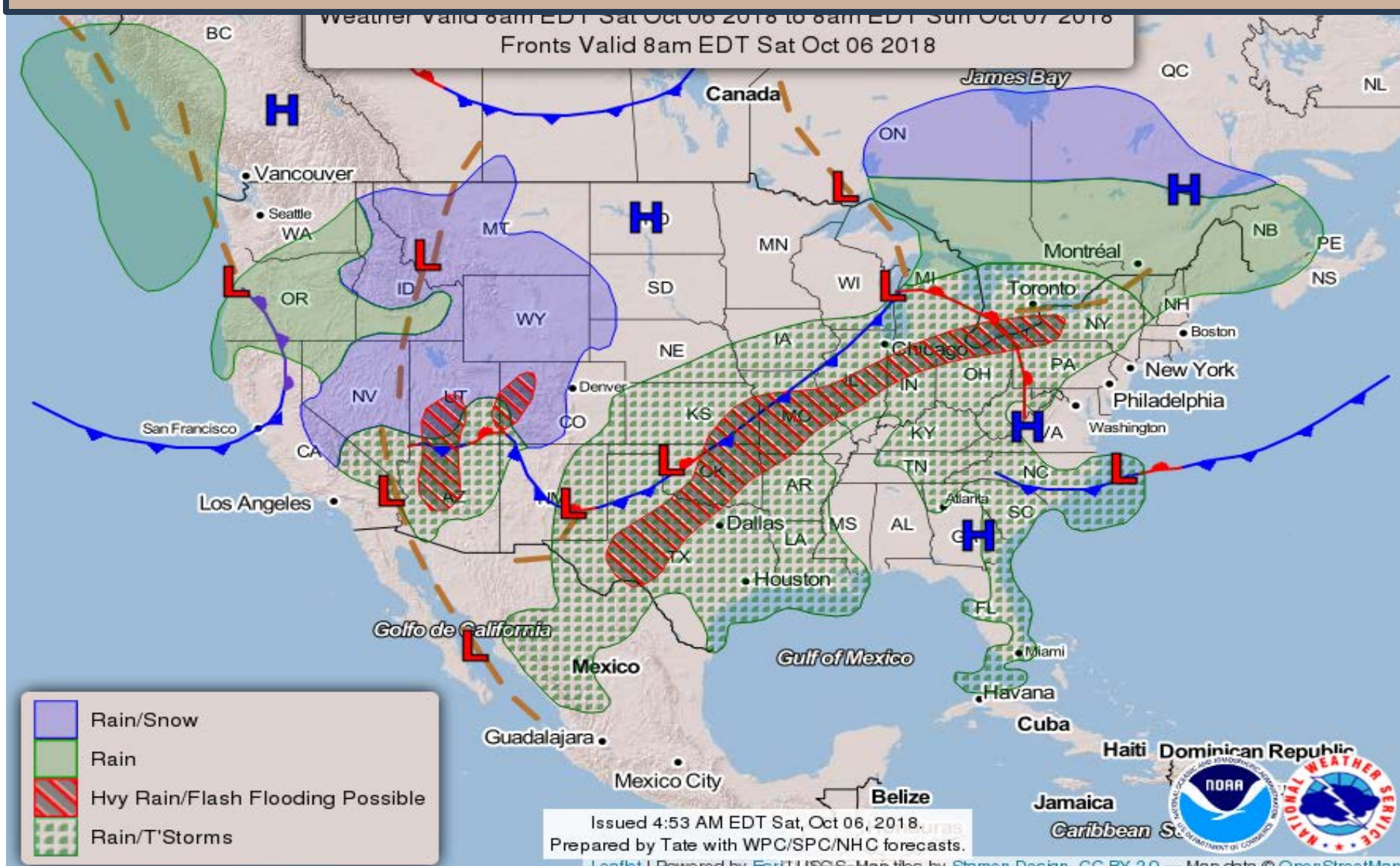


Today's Weather

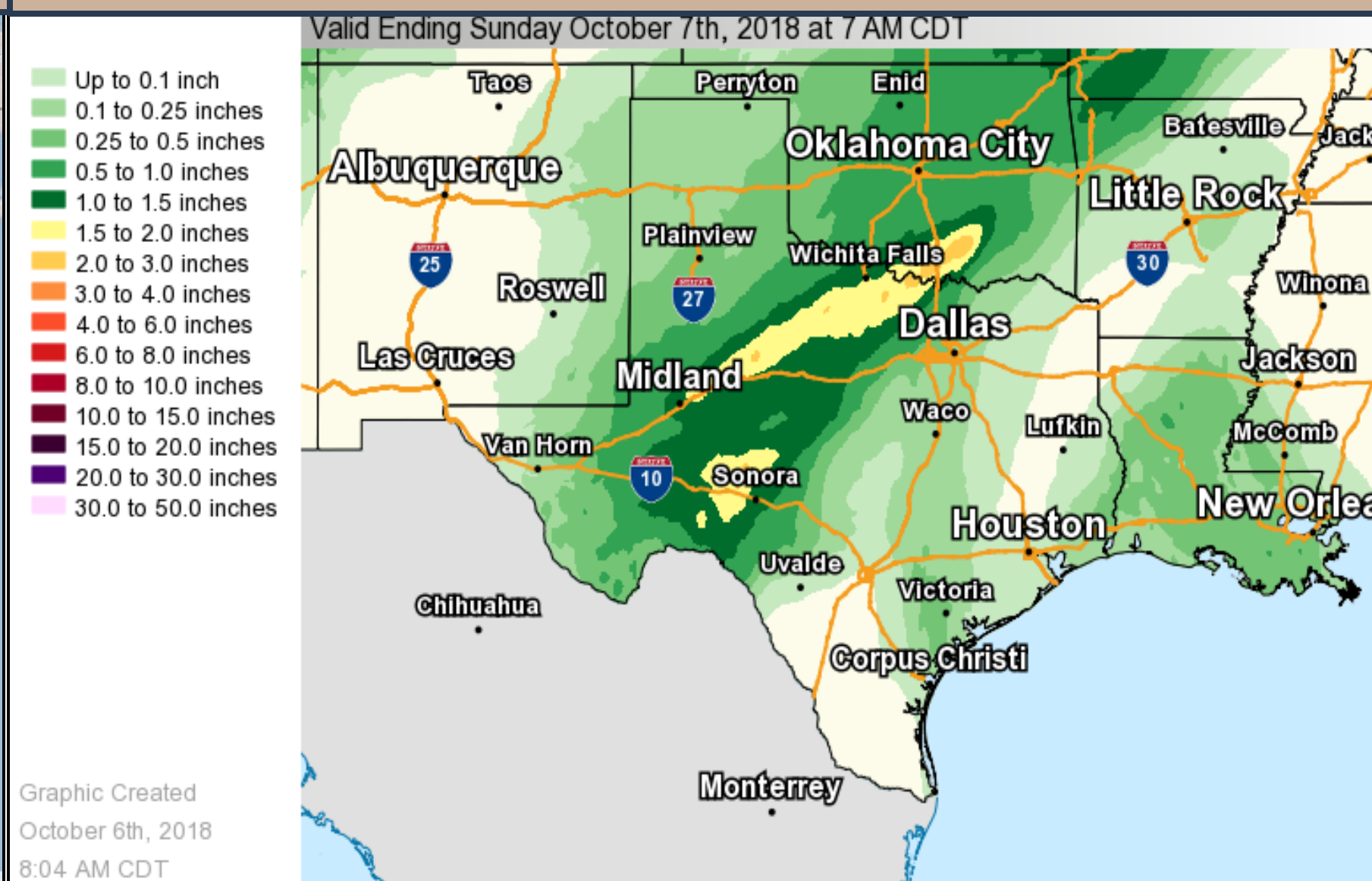


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



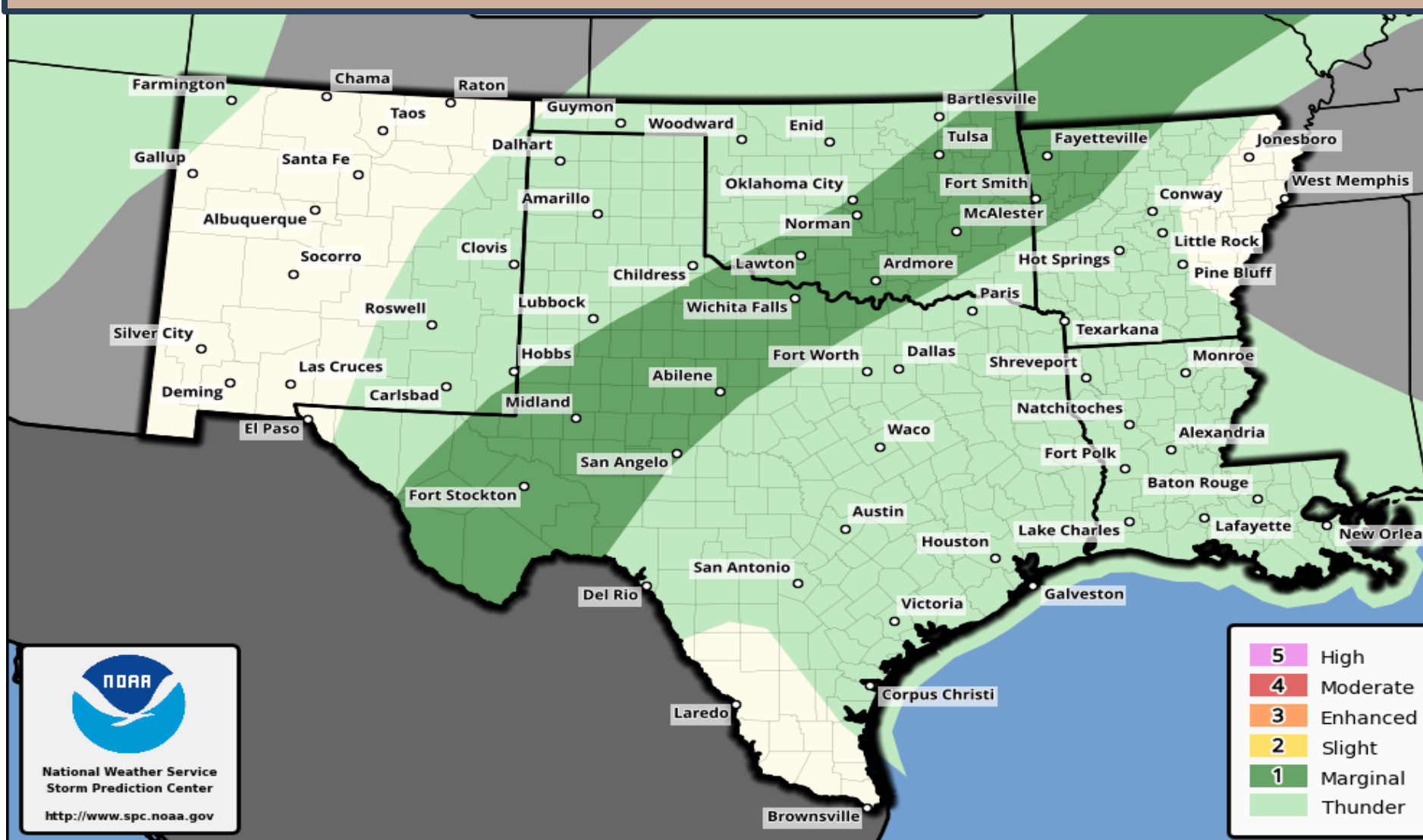
Forecast Rainfall



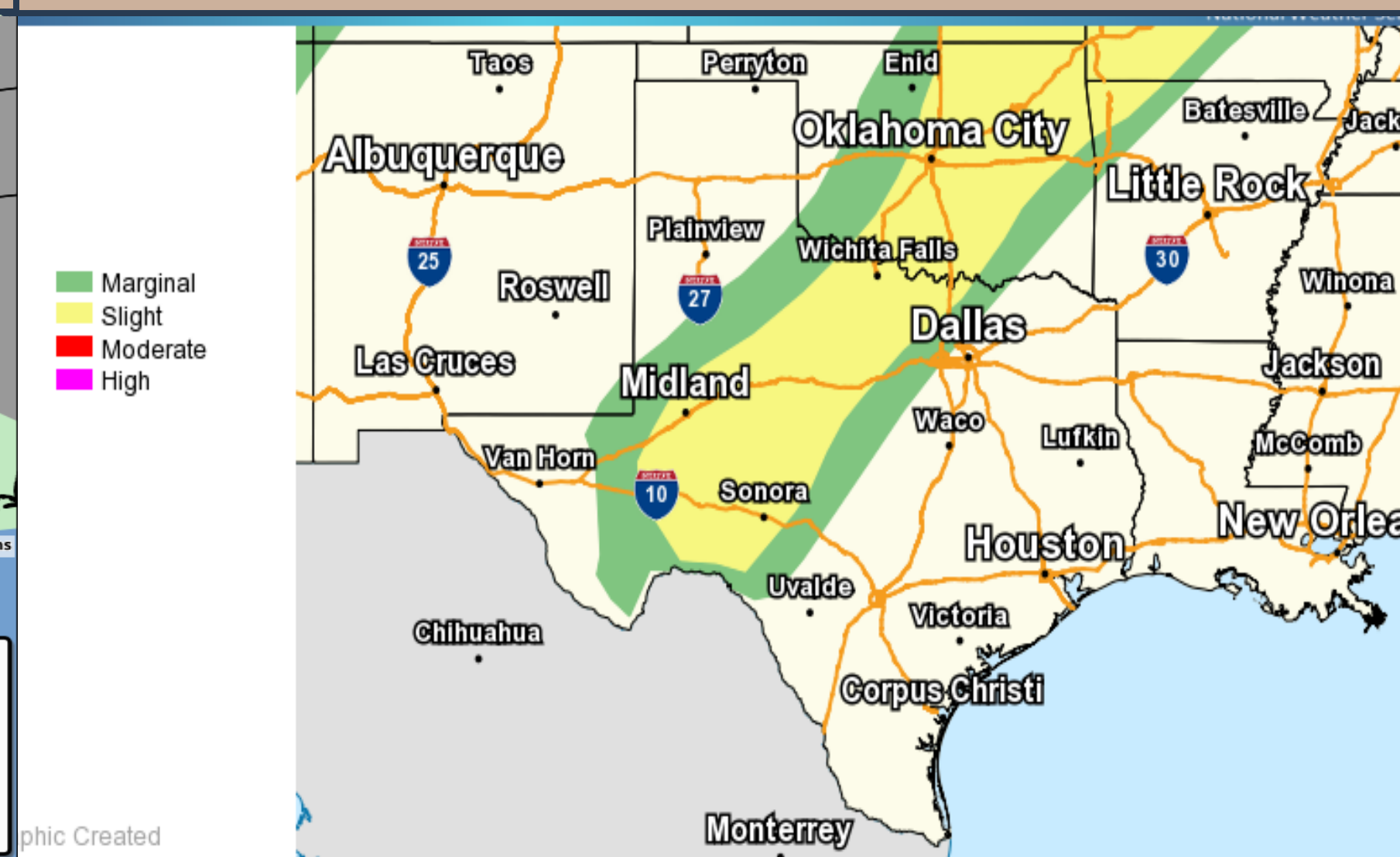
**Marginal risk area for
strong/severe thunderstorms
across OK/TX.**

**Slight risk area for isolated
heavy rain/flash flooding
across NW AR/OK into TX.**

Severe Weather Outlook



Excessive Rainfall Outlook

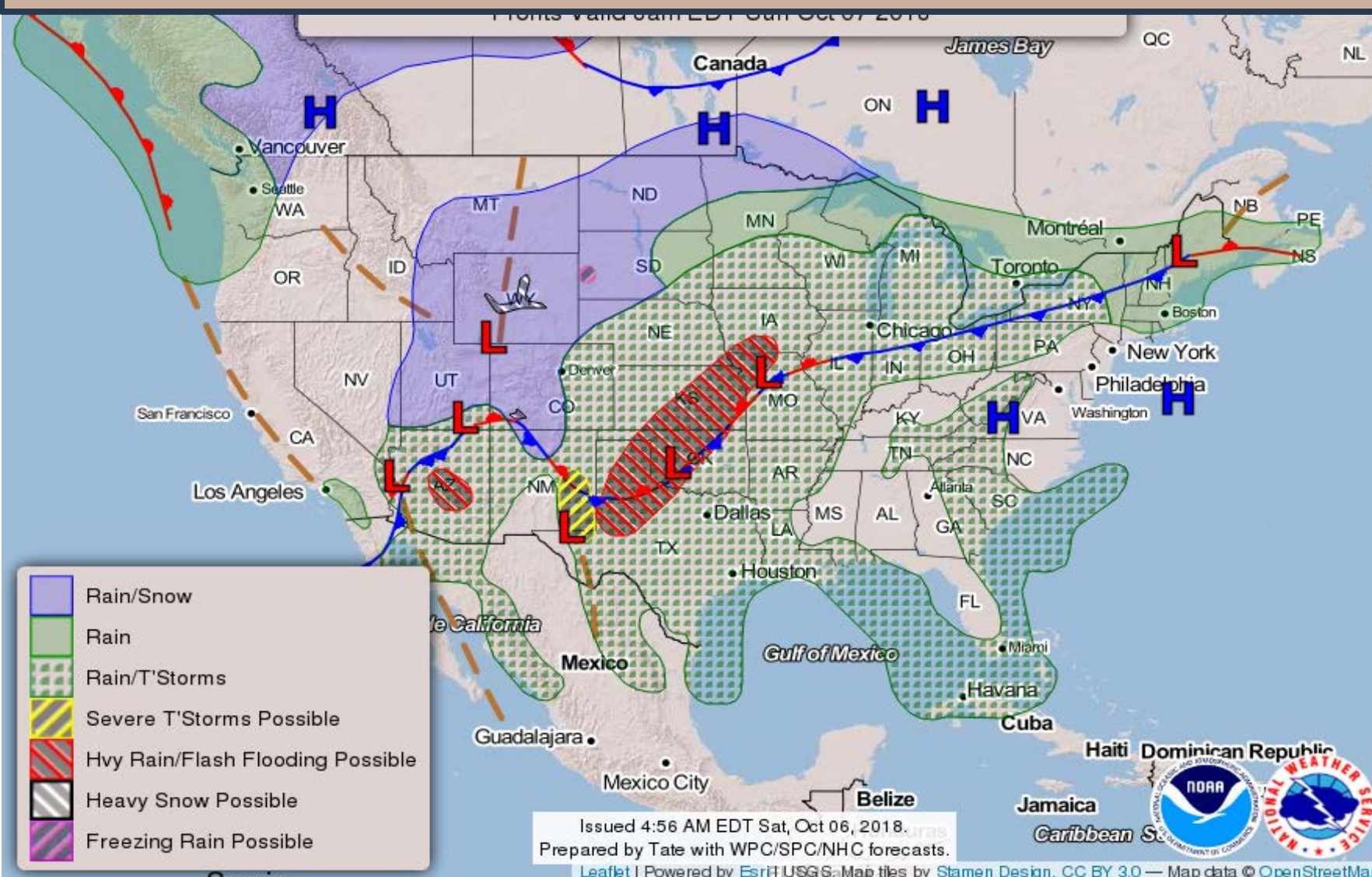


Tomorrow's Weather

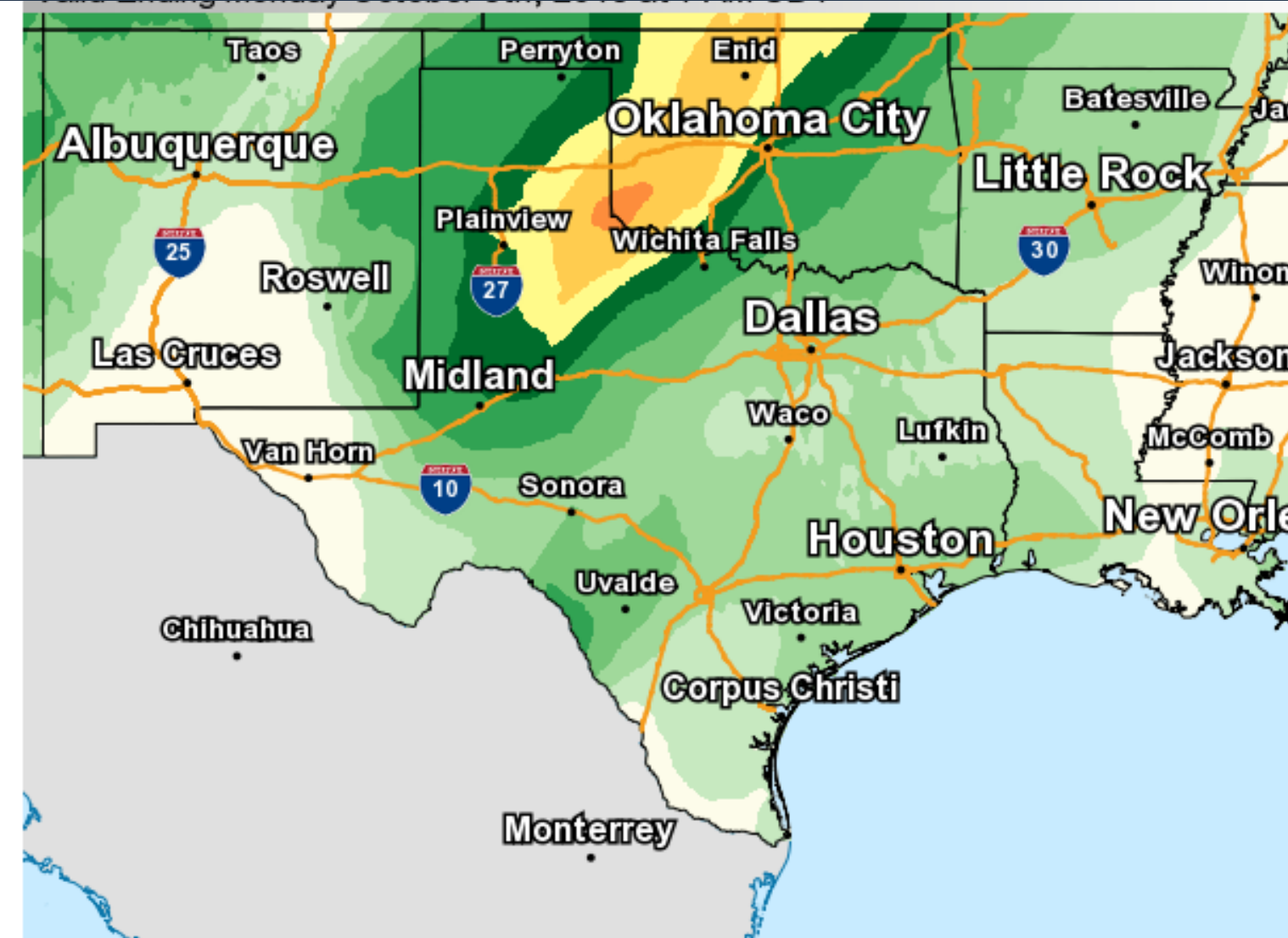


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



Forecast Rainfall

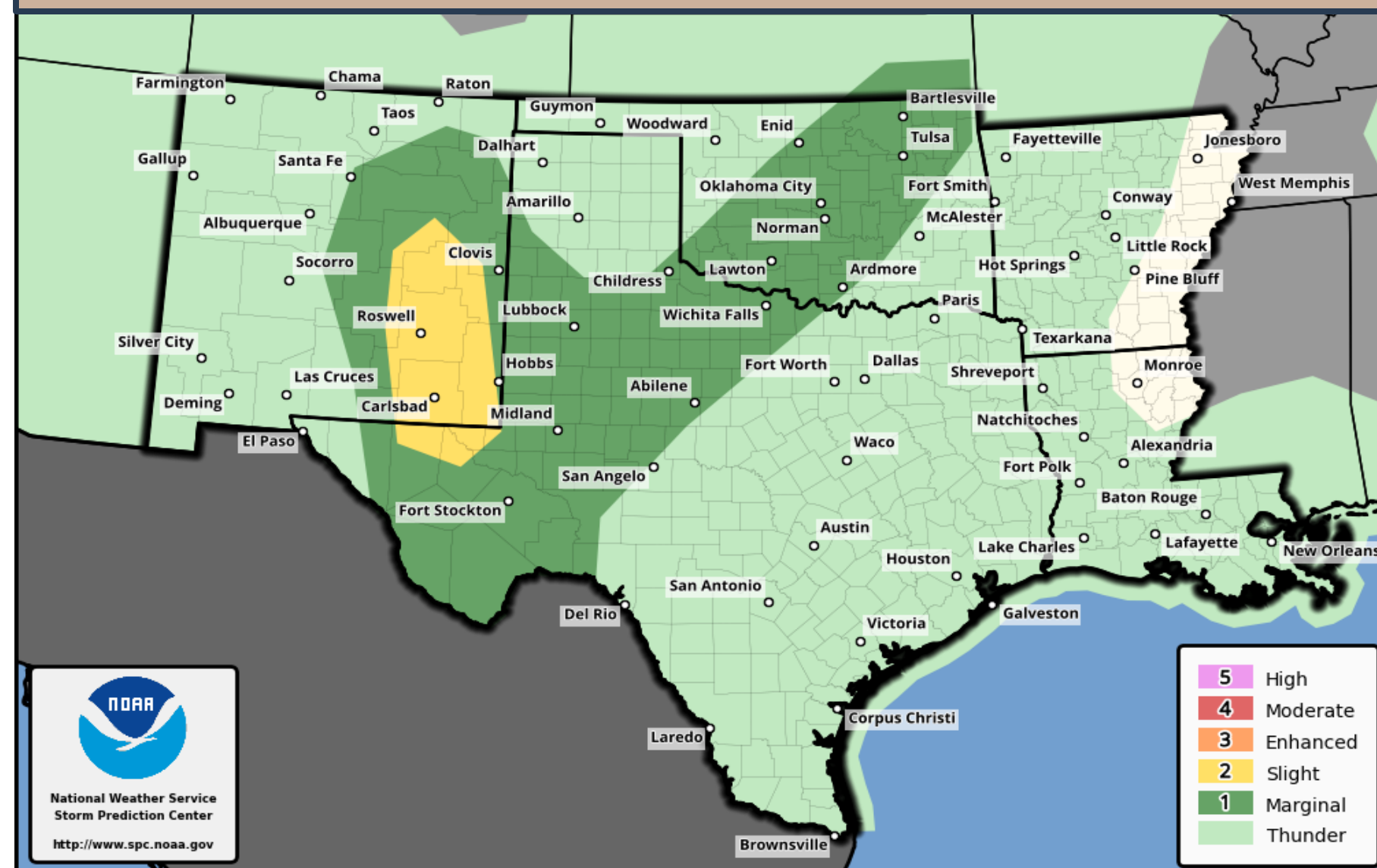


Graphic Created
October 6th, 2018
8:05 AM CDT

Moderate risk area of heavy rain/flash flooding possible for W OK and portions of NW TX.

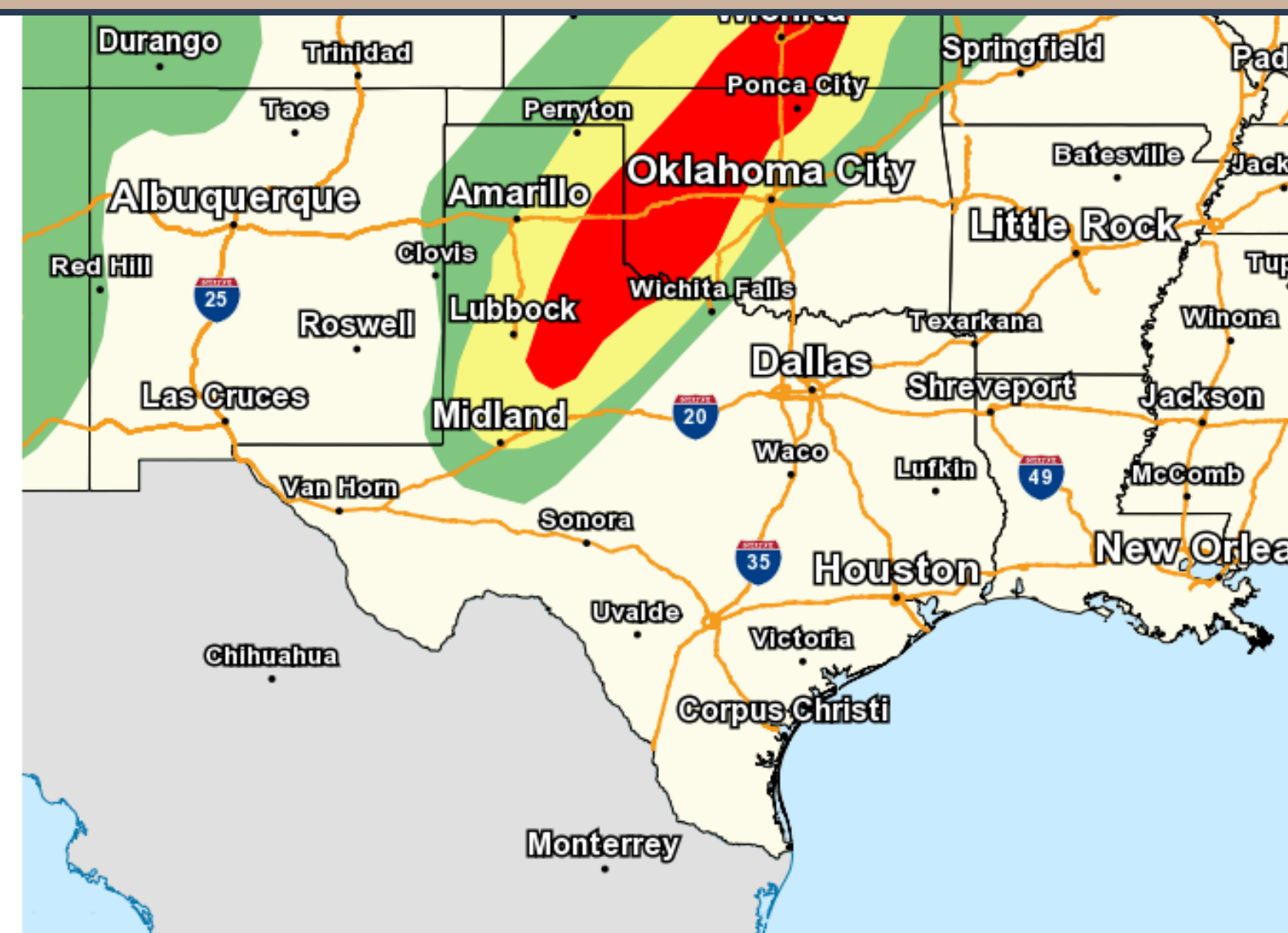
Slight risk area for severe thunderstorms across SE NM/W TX and OK

Severe Weather Outlook



Graphic Created
October 6th, 2018
8:05 AM CDT

Excessive Rainfall Outlook



Monday's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

Areas of heavy rain/flash flooding possible for much of OK and portions of N TX.

Slight risk area for severe thunderstorms across E NM/W TX and NW OK

Severe Weather Outlook

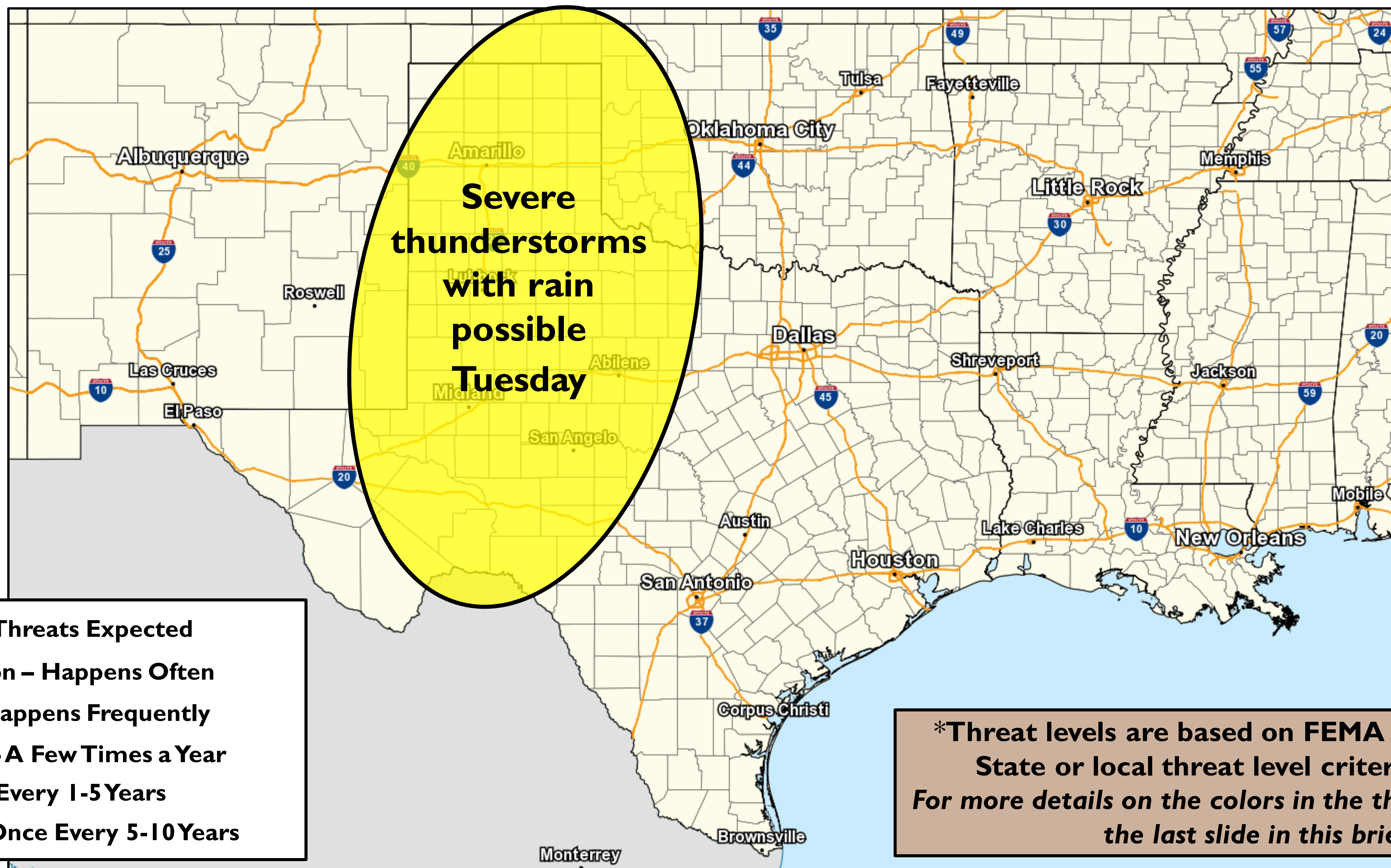
Excessive Rainfall Outlook

Days 4-5 Weather Hazards

Tuesday - Wednesday



SR ROC
REGIONAL OPERATIONS CENTER

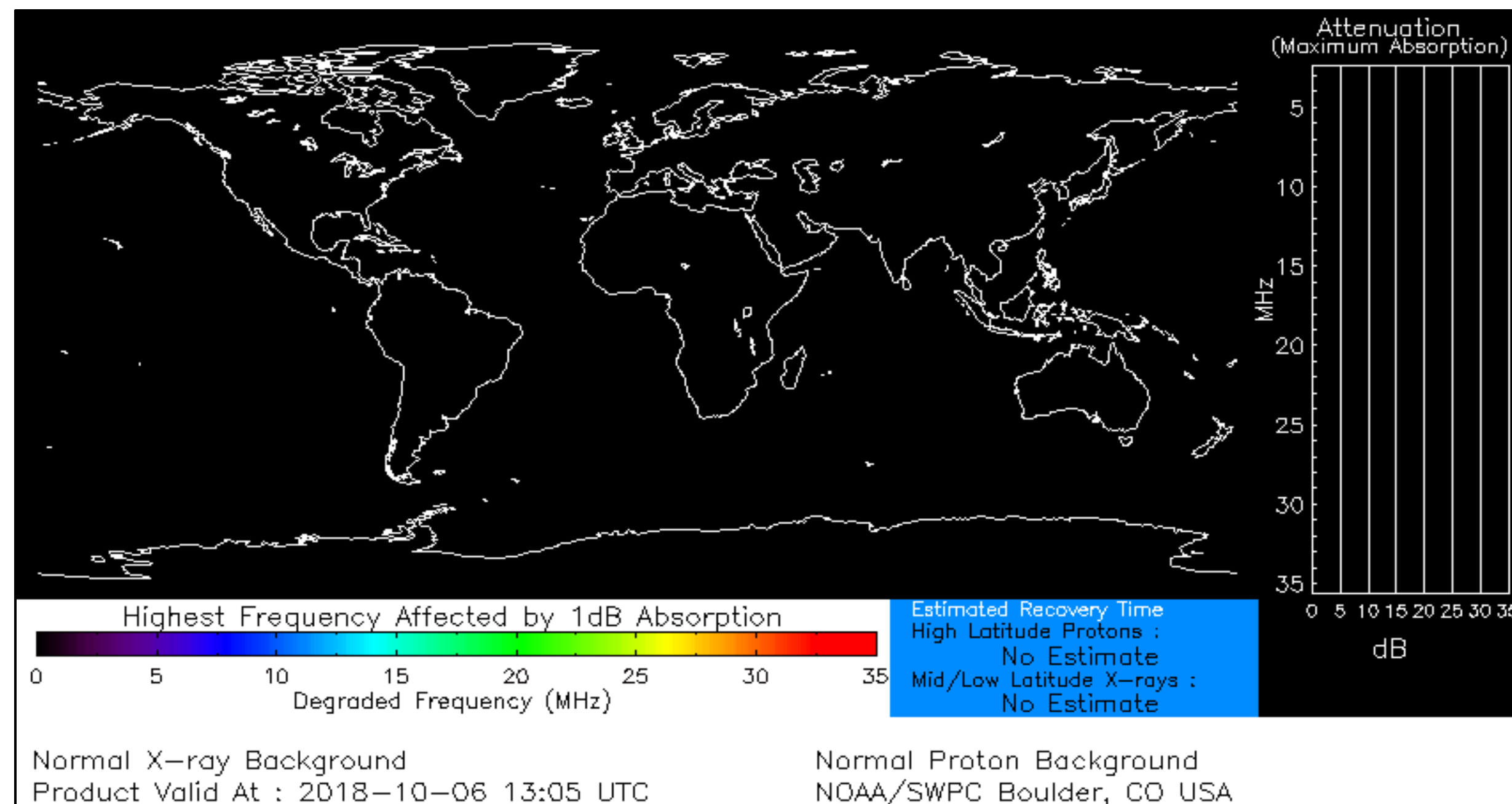


Space Weather 3-Day Forecast



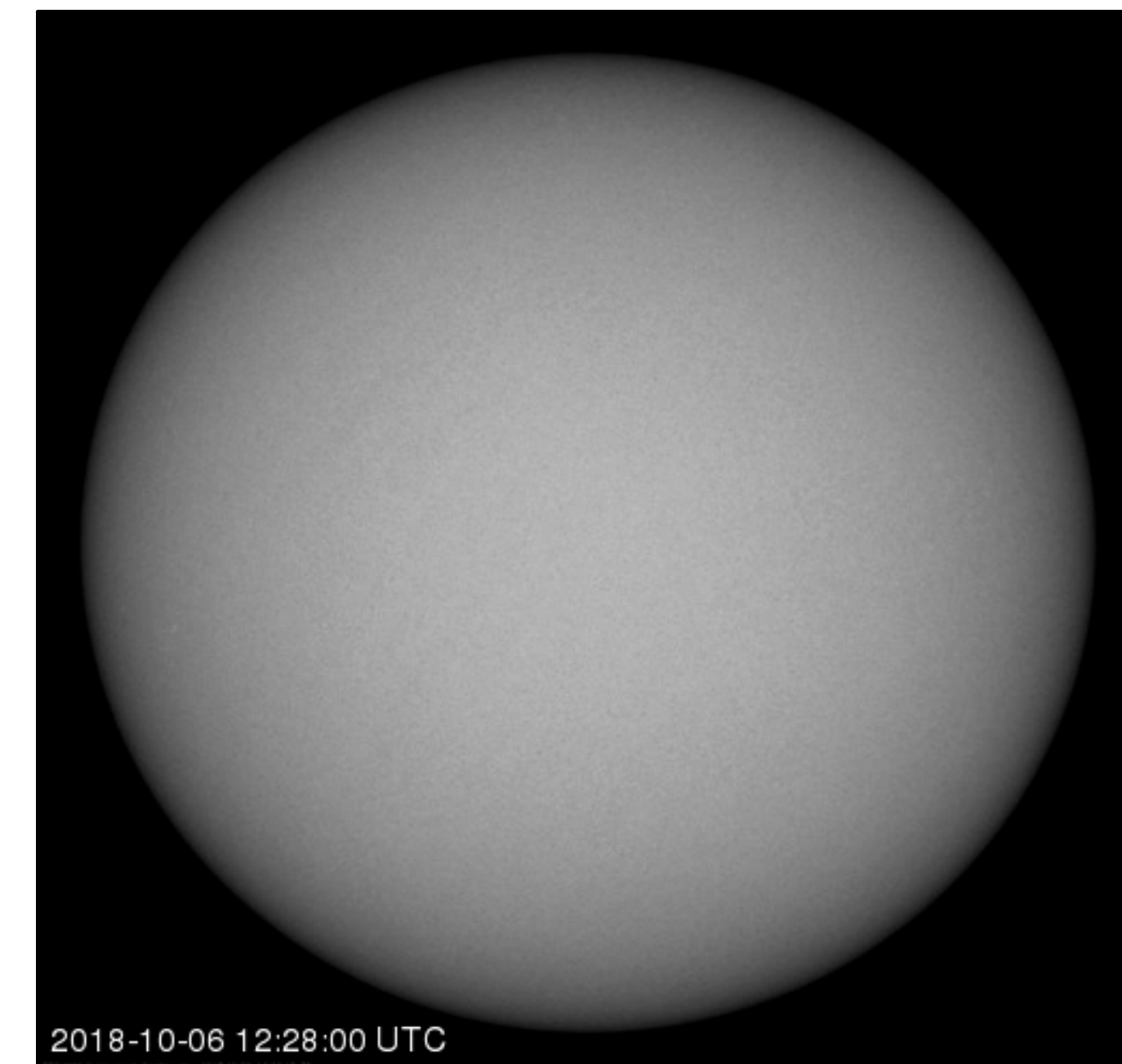
SR ROC
REGIONAL OPERATIONS CENTER

	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Minor (G1) Storm (Max Kp = 5)	Moderate (G2) Storm (Max Kp = 6)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





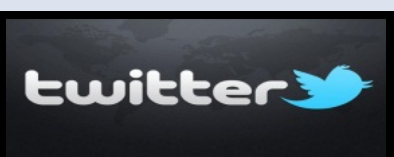
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov